

FY 2010 Appropriations Requests

Below is a list of my appropriations requests for FY 2010 broken out by subcommittee. The list includes a programmatic request to increase NASA funding by \$2 billion to help minimize the spaceflight gap and a request to provide adequate funding to make the new Orlando VA Medical Center a reality.

Agriculture

Florida Biomass Waste to Biofuels Conversion Program

The State University System of Florida, led by the University of Central Florida (UCF)

4000 Central Florida Boulevard

Orlando, Florida 32816

Funding would be used to accelerate research and commercial development of emerging technologies for the conversion of biomass waste from the State of Florida to produce ethanol and other biofuels.

Request: \$1,000,000

Commerce, Justice, Science

ARISE Life-Management Skills Intervention/Re-entry Program for High Risk Youth

The ARISE Foundation

824 US Highway 1

Suite 240

North Palm Beach, FL 33408-3838

The ARISE Intervention-Re-entry program provides Florida Juvenile Justice Staff on a statewide basis with in-depth training and specialized Life Management Skills lessons to conduct guided group discussions with incarcerated high-risk youth. ARISE has centers in the 24th Congressional District.

Request: \$250,000

Aviation and Hurricane Research Utilizing Unmanned Aerial Systems

Embry-Riddle Aeronautical University

600 S. Clyde Morris Boulevard

Daytona Beach, Florida 32114

Embry-Riddle requests funds to acquire an Unmanned Aerial System, together with needed training, operation, and maintenance, and establish an Unmanned Aerial System testing and research center in Central Florida, preferably at Kennedy Space Center for aviation and hurricane research. This will provide for the ability to study weather patterns in active hurricanes.

Request: \$3 million

Ocean Health - Human Health

Hubbs-SeaWorld Research Institute

4020 South Highway A1A

Melbourne, Florida 32951

The project will address emerging threats to coastal communities by evaluating multi-decadal data on marine animal health along the Florida coast to better understand and respond to changes that threaten the ecological, economic and social resources of Florida and the nation.

Request: \$430,000

NASA Programmatic Request

NASA is tasked with bringing the Constellation program online while still operating the Shuttle program with inadequate funding levels. Following the Columbia disaster and hurricane damage, NASA had to reallocate funds from within its budget for return to flight and repair activities, causing the Constellation program to fall further behind schedule, widening the space flight gap to at least five years. A five year space flight gap will no doubt have an adverse impact on jobs, national security, and advances in science. The retirement of the Space Shuttle in 2010 will result in our complete reliance on international partners for access to space and the International Space Station, and will result in the loss of thousands of highly-skilled jobs. An additional \$2 billion in FY10 would prevent the close-out of shuttle hardware production lines pending a Congressional decision on shuttle retirement date and would help accelerate Constellation and reduce the spaceflight gap.

National Oceanic and Atmospheric Administration Coastal and Estuarine Land Conservation Program Programmatic Request

Representatives Lois Capps and Mike Castle recommend increased funding for the Coastal and Estuarine Land Conservation Program. This program funds coastal land conservation across the nation and Florida did not receive any funding in the previous fiscal year. Fully funding this NOAA program will allow coastal and estuarine projects in the 24th Congressional District to move forward.

Orlando Health/Orange County Children's Advocacy Center

Orlando Health

3160 Southgate Commerce Blvd.

Suite 50

Orlando, Florida 32806

The purpose of this project is to provide crisis intervention and counseling to child victims of sexual abuse and their non-offending family members in Orange County and Central Florida. Florida has the highest rate of child abuse in the nation, and Orange County, Florida has the highest number of investigated abuse reports.

Request: \$200,000

Youth Crime Watch of America Operations in Florida

Youth Crime Watch of America

9200 South Dadeland Boulevard

Suite 417

Miami, Florida 33156

Funding would be for Youth Crime Watch operations in Brevard, Seminole, and Volusia counties to enhance school safety and increase student civic involvement. It also seeks to improve support to local programs, update training materials and publications, and better measure program outcomes Youth Crime Watch of America (YCWA) empowers youth to prevent crime, drugs, and violence in their schools and communities

Request: \$200,000

Defense

Fighting Combat-Related Fatigue Syndrome

Burnham Institute for Medical Research

1030 N Orange Avenue

Suite 102

Orlando, Florida 32801

Funding will be used to generate breakthroughs to address the problem of combat-related fatigue. High-level motor performance and endurance is critical for soldiers in combat, and for air and space travelers. Trained armed forces personnel have outstanding skeletal muscle endurance and relative resistance to fatigability. However, during periods of immobilization, which can occur in the field, with prolonged travel, or during recuperation from injuries, muscle "de-training" ensues. De-trained muscles cause significant reduction in performance, easy fatigability, and increased risk of injury.

Request: \$1,000,000

Medical Modeling and Simulation

National Center for Simulation

3280 Progress Drive

Orlando, Florida 32826

The Joint Medical Simulation Center will serve as the principal center and focal point for collaboration between the primary defense organizations conducting research and development in medical modeling and simulation for training, therapy, and rehabilitation. Recent combat experience in Afghanistan and Iraq has shown that realistic and readily-available training for medical specialists saves lives on the battlefield.

Request: \$1.6 million

Soldier Personal Cooling System

Army Natick Soldier RD & E Center

Kansas Street

Natick, MA 01760

This request will enable the Army to develop improved soldier personal cooling systems. Personal cooling greatly improves soldiers' cognitive abilities, increases mission duration and improves health and safety. This project could create jobs in the 24th District through a competitive bidding process.

Request: \$1.2 million

Media Exploitation Tool Integration with Intelligence C2 Systems

Marine Corps Systems Command

2200 Lester Street

Quantico, VA 22134

Digital media exploitation rapidly extracts data from enemy devices and media captured on the battlefield. Development of this tool will allow for collection/conversion of raw data into actionable intelligence for timely analysis/dissemination. This project could create jobs in the 24th District through a competitive bidding process.

Request: \$2 million

Energy and Water

Ponce de Leon Inlet South Jetty Extension

County of Volusia

Volusia County

123 West Indiana Avenue

Deland, Florida 32730

Funding will be used to award a construction contract to initiate and complete construction of the south jetty at Ponce de Leon inlet. The extension of the jetty will complete the appropriate protection of the inlet from accelerated shoaling rates and hazardous boating conditions. It will also help maintain the inlet for Coast Guard operations and reduce future Federal dredging costs.

Request: \$2,500,000

Gross Science Hall STEM Lab Upgrades

Bethune-Cookman University

640 Dr. Mary McLeod Bethune Boulevard

Daytona Beach, Florida 32114

Funding is sought to update aging laboratories, classrooms and equipment in Gross Science Hall. The upgrades will include clean labs, safe spaces for the storage of chemicals, modern ventilation equipment, and technologies that help the environment and reduce energy costs.

Request: \$500,000

Intracoastal Waterway from Jacksonville to Miami, FL

Florida Inland Navigation District

1314 Marcinski Road

Jupiter, Florida 33477

Funding would be used for two maintenance dredging projects and two Dredge Material Management Area construction projects for the Intracoastal Waterway in St. Johns County, St. Augustine, and Indian River County. Funds would be used to dredge in two locations: Matanzas Inlet (St. Johns County) and in the vicinity of St. Augustine. In addition, funds will be used for the restoration of Dredged Material Management Area in St. Johns County and construction of Dredged Material Management Area in Indian River County.

Request: \$1,000,000

Regional Surface Water Facility at Yankee Lake

Seminole County Government

1101 East First Street

Sanford, Florida 32771

Funding will be used to construct a new regional alternative water treatment facility allowing Seminole County and regional utilities to meet state initiatives to reduce the reliance on groundwater. This new facility will include an intake, pump station, and a pipeline from the St. Johns River to the facility. The project will reduce Seminole County's reliance on fresh groundwater by increasing the production of reclaimed water and will protect the Wekiva Basin springflow.

Request: \$1,000,000

Photovoltaic Power Electronics Research Initiative (PERI)

University of Central Florida

4000 Central Florida Blvd

Orlando, Florida 32816

PERI's goal is to design a new solar energy generation system at low cost, higher efficiency, and highest reliability through the development of innovative system technologies that eliminate the expensive installation costs associated with residential solar power. The ultimate purpose of this research is to dramatically reduce solar energy cost through technology innovations and system integration that will foster a new solar energy based industry and create new R&D and manufacturing jobs.

Request: \$1,250,000

X-Ray Photonics and EUV Lithography

University of Central Florida

4000 Central Florida Blvd

Orlando, Florida 32816

This project utilizes existing infrastructure and assets supplied by the University of Central Florida and proposes the continued funding of the UCF X-Ray Photonics Facility. UCF will use the funding to start detailed planning of a third major facility, the High Power X-Ray Facility (HPXRF). This facility is anticipated to lead to the development of several new x-ray technologies, particularly for high resolution x-ray imaging of living cellular organisms and use in computer chip fabrication.

Request: \$1,000,000

Homeland Security

Emergency Operations Center Renovation

City of Maitland

1776 Independence Lane

Maitland, Florida 32751

Funding for renovation of the Water and Recreation structure owned by the City of Maitland where a room is currently used as a make shift EOC since 1992. When it becomes necessary to activate the EOC, a transition of the room into a functional EOC takes several hours to accomplish and requires a significant connection of equipment and preparation of supplies. The project will include updating the existing electric, phone system and data infrastructure along with the acquisition of computers, radios, televisions, and projector smart boards to complement an existing weather monitoring system.

Request: \$158,800

Interior

Willa Lake Circle Stormwater Project

City of Oviedo

400 Alexandria Boulevard

Oviedo, Florida 32765

Funding for this project will restore the natural water flow to Lake Jessup now disrupted by the Cross Seminole Trail and Greenway projects to mitigate the effects of pooling stormwater in two residential areas of the City.

Request: \$200,750

Winter Park Gravity Sewer Improvement Project

City of Winter Park

401 Park Avenue South

Winter Park, Florida 32789

Funding will result in sewer system improvement and upgrades along Fairbanks Avenue. The section of Fairbanks Avenue between Kilshore Avenue to Cambridge Boulevard does not have any sewer lines. The project will install a gravity sewer system in this section. Septic tanks will be eliminated and replaced with sanitary sewer lines for sewage disposal.

Request: \$125,000

Florida National Scenic Trail Land Acquisition

Florida Trail Association

5415 SW 13th Street

Gainesville, Florida 32608

Funding will result in acquisition of land to protect 16 critical segments (3.8 miles on 525.7 acres) of Florida National Scenic Trail. This includes a 173-acre tract which the USDA Forest Service has a signed contract to purchase from a willing seller, but cannot protect without an appropriation of at least \$870,000.

Recommended Funding: \$870,000

Holly Creek-Zellwood Wastewater Project

Orange County Government

201 Rosalind Avenue

Orlando, Florida 32802

Funding will allow for an Orange County proposal to build a wastewater collection line from the site of the development, which would then be turned over to the City of Apopka, Florida. The site is within the boundary of an area where septic tank installation is severely restricted in an effort to protect the Wekiva River.

Request: \$750,000

Replacement of wastewater pipes and mechanical equipment

South Seminole and North Orange County Wastewater Transmission Authority

410 Lake Howell Road

Maitland, Florida 32751

Funding for this project enables the replacement of water pipes, force mains, and mechanical equipment approaching the end of their service lives operated by the Wastewater Transmission Authority. The project therefore involves the replacement and relocation of 6200 feet of 36 inch diameter ductile iron force main pressure pipe. The Aloma Avenue section has already been planned, designed, and engineered and construction could immediately commence, with a completion of this phase in 12 months, avoiding a serious environmental hazard and maintaining services.

Request: \$1,000,000

Volusia Integrated Water Resources

St. Johns River Water Management District

4049 Reid Street

PO Box 1429

Palatka, Florida 32178

This project will integrate alternative water supplies in Volusia County, Florida, which will reduce the projected regional groundwater deficits. This project will develop up to 20 million gallons per day of additional water supply from the St. Johns River and other alternative water sources.

Request: \$600,000

Labor Health and Human Services, Education

Aerospace Workforce Transition

Brevard Workforce Development Board

596 Haverty Court

Suite 40

Rockledge, Florida 32955

The project prepares aerospace workers affected by Shuttle retirement for commercial space activities thereby reducing US dependency upon foreign countries and their space launch capabilities. The program will transition current workers to new aerospace ventures and emerging industries.

Request: \$3,000,000

Apopka Public High School/Apopka YMCA Family Center

Central Florida YMCA

433 N. Mills Avenue

Orlando, Florida 32802

This project follows the first of its kind, successful model the Central Florida YMCA has established in the Lake Nona community. The co-located NorthLake Park Public Elementary School/Lake Nona YMCA Family Center, opened in 1999, integrates the resources of the YMCA and the resources of the local school district to produce a track record of proven results.

Request: \$600,000

The Civics Connection

Florida Joint Center for Citizenship

4000 Central Florida Boulevard

Howard Phillips Hall 314

Orlando, FL 32816

Project to engage former Members of Congress as teachers for the next generation of citizens, passing on the accumulated civic skills and wisdom of the current generation.

Request: \$478,000

Florida MEP Mobile Outreach Skills Training Program

Florida Manufacturing Extension Partnership

1180 Celebration Boulevard

Suite 103

Celebration, Florida 34747

Fulfillment of this request will fund the Florida Mobile Outreach Skills Training (M.O.S.T.) Program, which is a job creation solution by which up to 500 individuals from the disadvantaged population would be placed in entry level manufacturing jobs within two weeks of training.

Request: \$1,000,000

Primary Care Access Network (PCAN)

Orange County Government

201 Rosalind Avenue

Orlando, Florida 32802

The Orange County Government has developed a comprehensive public-private healthcare delivery system for the uninsured, the Primary Care Access Network (PCAN). In June 2007, The Central Florida Regional Commission on Homelessness (CFRCH) began its planning to end homelessness in ten years in the region's counties including Orange, Seminole and Osceola, as well as the City of Orlando. One of the areas of planning is healthcare for the homeless, an area that is of serious concern for the community as a whole, as well as the local hospitals' emergency rooms.

Recommended Funding: \$250,000

Teacher Technology Training Project for Seminole County Public Schools

Seminole County Public Schools

400 E Lake Mary Boulevard

Sanford, Florida 32773

Funding for the Teacher Technology Training Project will develop and implement teacher professional development courses to instruct teachers in the Seminole County Public School district on how to effectively utilize technology in the classroom to make learning relevant, accessible, and enjoyable for students to learn.

Request: \$2,500,000

Transportation, Housing and Urban Development

Industry Road Extension

City of Cocoa

603 Brevard Avenue

Cocoa, Florida 32922

Funding for extension of Industry Road through to Cidco Road would allow large commercial vehicles to directly access both State Road 528 and Interstate 95, facilitating the business recruitment efforts in the area. The Industry Road extension and the accompanying installation of curb and gutters and street-side stormwater infrastructure will also help against flooding in directing and controlling stormwater flow in the area.

Request: \$400,000

Widening of West International Speedway Boulevard (US-92)

City of Daytona Beach

301 S. Ridgewood Avenue

Room 200

Daytona Beach, Florida 32114

The widening of West International Speedway Boulevard is critical to long-term concurrency management and increasing the Department of Transportation's level-of-service standards through provision of capacity relief. The roadway currently has a "D" level-of-service rating.

Request: \$3,000,000

Daytona Beach Shores Environmental and Accessibility Improvement Project

City of Daytona Beach Shores

2990 S. Atlantic Avenue

Daytona Beach Shores, Florida 32118

The Daytona Beach Shores Environmental and Accessibility Improvement Project will provide paved bike trails and mitigate stormwater runoff from 1 ½ miles of roadway, capturing and treating it in a pond and redistributing it as reuse water for irrigation.

Request: \$500,000

Oak Hill Water & Sewer Project

City of Oak Hill

234 South US Highway 1

Oak Hill, Florida 32759

Project provides for installation of water and sewer service to residents and businesses located along the corridor of US HWY 1 in Oak Hill, FL, Volusia County. Project area runs approximately 3 miles from Lighthouse Cove South to Bills Hill

Road.

Request: \$100,000

SR 426/CR 419 Improvement Project

City of Oviedo

400 Alexandria Boulevard

Oviedo, Florida 32765

Federal funding is requested to assist in the acquisition of right of way and in the construction of these high priority improvements for SR 426/CR 419, a "Regionally Significant Roadway," in Oviedo, Florida.

Recommended Funding: \$1,000,000

Ridgewood Avenue (US 1) Corridor Improvements Project

City of South Daytona

1672 S. Ridgewood Avenue

South Daytona, Florida 32119

Ridgewood Avenue in South Daytona is a mix of residential and commercial development. This corridor was identified as a "Redevelopment District" with great potential for future growth. Phase I of this corridor's redevelopment involves making improvements to the infrastructure to enhance both pedestrian and vehicular transportation.

Recommended Funding: \$800,000

Fairbanks Avenue Roadway Improvement and Beautification Project

City of Winter Park

401 Park Avenue South

Winter Park, Florida 32789

Funding to upgrade and repave Fairbanks Avenue, improving its safety and beautifying the roadway. The Fairbanks corridor is the main gateway into the City from Interstate-4. The City is working in partnership with the Florida Department of Transportation (FDOT) to upgrade this critical gateway through repaving, beautification, a landscaped median and construction of a sanitary sewer system.

Request: \$1,000,000

Innovation Way & Beachline Interchange

Orange County Government

1672 S. Ridgewood Avenue

South Daytona, Florida 32119

The Innovation Way and Beachline Interchange will dramatically impact the daily lives of Central Floridians by improving the expressway system. The Innovation Way and Beachline interchange will allow for an influx of commerce and economic development in the area. The significant congestion along the expressway will be greatly alleviated by the interchange. This will provide a safer roadway for Central Florida residents and reduce congestion related traffic accidents.

Request: \$1,000,000

State Road 46 - Regional Evacuation Route (SR 415 to US 1)

Seminole County Government

1101 East First Street

Sanford, Florida 32771

Funds would be used to cover a portion of the project development and environment phase of this project (estimated at a total cost of \$8 million), which expands State Road 46 to 4-lanes from SR 415 to US Highway 1 in Brevard County.

Request: \$1,000,000

Veterans Affairs

New Orlando VA Medical Center

Orlando VA Medical Center

5201 Raymond Street

Orlando, Florida 32803

Funding is needed for a new Medical Center to accommodate the central Florida area. The project includes 134 inpatient beds, an outpatient clinic, a 120 bed community living center, a 60 bed domiciliary, parking garages and support facilities all located on a new site. The design phase is complete and funds are needed to complete construction.

Recommended request: \$371,300,000